

APPARATUS AND METHOD FOR SYNCHRONIZATION  
OF TRACE STREAMS FROM MULTIPLE PROCESSORS

**Abstract of the Invention**

1        In order to synchronize the testing of a plurality of  
2 target processors, a global synchronization signal is  
3 applied to the simultaneously to the trace generation  
4 apparatus of each of the target processors. The trace  
5 generation apparatus generates a global sync marker that is  
6 included in at least one of the trace streams of each  
7 target processor. The sync marker relates the occurrence  
8 of the global synchronization signal to system clock and to  
9 the program execution of the target processor issuing the  
10 global sync marker. In this manner, the relationship  
11 between the operations of each of a plurality of target  
12 processors can be reconstructed by the host processing  
13 unit.